



22855
U.S. PTO

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450
ATTN: BOX PATENT APPLICATION

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Docket No.: 03-149

Date: December 12, 2003

Sheet 1 of 2

22154 U.S. PTO
10/735546



U.S. Express Mail Label No.: EV185279776US

Inventor Name(s):

THOMAS J. CROWELL AND D. ANDY PIERPONT

Title:

ENGINE VALVE ACTUATION SYSTEM AND METHOD FOR CONTROLLING WHITE SMOKE

☒ Fee Transmittal Form Attached in Duplicate

☒ Specification and Claim(s) [Total Pages 21]

☒ Drawing(s) [Total Sheets 6]

FORMAL

Declaration [Total Pages 2]

☒ Newly Executed (Original or Copy)

☐ Copy From Prior Application (37 CFR § 1.63(d))

☐ Deletion of Inventor(s) (37 CFR § 1.63(d)(2))
(Signed Statement Attached)

☒ Assignment Papers (Cover Sheet and Document(s))

☐ 37 CFR § 3.73(b) Statement (if applicable) ☐ Power of Attorney

☐ English Translation Document (if applicable)

☒ Information Disclosure Statement (IDS)/PTO-1449

☒ Copies of IDS Citations

☐ Preliminary Amendment

☒ Return Receipt Postcard (Specifically Itemized)

☐ Certified Copy of Priority Document(s)

☐ Other

If a Continuing Application

☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP)

of prior Application No.: _____ ;

Examiner: _____ ; and

Group/Art Unit:

☐ Cancel Claims: _____

For Continuations or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied, as set forth above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

Correspondence Address:

☒ Customer Number or Bar Code Label: _____ 719

or

☐ Correspondence address below:

Name:

Address:

City:

State:

Zip Code:

Country:

Attorney/Agent: Clifton G. Green

Registration No.: 41,044

Signature: _____

Clifton G. Green
Caterpillar Inc.

Date: 12-12-03

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 856
Complete if Known

Application Number	(Unassigned)
Filing Date	(Herewith)
First Named Inventor	Thomas J. Crowell ET AL.
Examiner Name	(Unassigned)
Art Unit	(Unassigned)
Attorney Docket No.	03-149

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit

Account Number 03-1129

Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	2001	750	375	Utility filing fee	770
1002	2002	330	165	Design filing fee	
1003	2003	520	260	Plant filing fee	
1004	2004	750	375	Reissue filing fee	
1005	2005	160	80	Provisional filing fee	
SUBTOTAL (1)					770

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

				Extra Claims	Fee from below	Fee Paid	
Total Claims	17	-20** =	0	x	18	=	
Independent Claims	4	-3** =	1	x	86	=	86
Multiple Dependent Claims						=	
Large Entity	Small Entity	<u>Fee Description</u>					
Fee Code	Fee (\$)	Fee Code	Fee (\$)				
1202	18	2002	9	Claims in excess of 20			
1201	84	2001	42	Independent claims in excess of 3			
1203	280	2203	140	Multiple dependent claim, if not paid			
1204	84	2204	42	**Reissue independent claims over original patent			
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent			

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Clifton G. Green	Registration No. (Attorney/Agent)	41,044	Telephone	(309) 675-6528
Signature	<i>Clifton Green</i>	Date	12/12/2003		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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